THE TECH

VOL. XXVIII. No. 35 BOSTON, MASS., FRIDAY, DECEMBER 18, 1908 PRICE THREE CENTS

NO VARSITY BALL TEAM THIS YEAR

Athletic Association Denies Support—Favors Class Teams at Start

PEARSON ELECTED

Assistant Track Manager—O'Hearn Vice-President—Financial System Changed

Baseball was emphatically turned down at the Athletic Association meeting Wednesday. The sanction of the association was withheld from the formation of a varsity baseball team because of the impractibility of getting out a team that could adequately represent the Institute with the present conditions. It was recommended that class teams be organized and that a series of class games be held in the spring with the view of developing men of varsity calibre.

M. R. Scharff 1909, on behalf of the Institute Committee, presented the following motion:—That all payments of money to teams shall be made only by the treasurer of the A. A. Petitions for money for teams must be submitted in voucher form by the respective managers to the A. A. treasurer. These vouchers, is approved by the A. A., shall be forwarded to the advisory council. The advisory council, if it sees fit, will return the voucher with the necessary money to the A. A. treasurer, who will pay the money to the proper person and obtain the latter's signature on the voucher as a receipt. The A. A. treasurer shall file all vouchers. If the A. A. pays money out of its own treasury the vouchers of course need not be sent to the advisory council.

This motion was explained by Mr. Scharff. He said the new method of handling the money would be much more businesslike than the old way and would bring the various team managers in closer contact with the A. A. Managers will have more systematic reports to the A. A. and the A. A. treasurer will include these reports in his. All funds collected and gate receipts must be accounted for to the treasurer. To carry out this scheme will require regular and more frequent meetings of the A. A. The motion was passed unanimously.

After a hot discussion of the necessity of having meetings oftener than once a month it was voted to hold regular meetings on the first and third Tuesdays of each month.

On mootion by R. Ellis 1909, the secretary was instructed to write letters of thanks to Dr. J. A. Rockwell and Mr. J. L. Batchelder for the challenge cups which they have presented the Institute to be competed for in the quarter and mile events in the spring games.

P. H. Pearson 1911, was elected assistant track manager. He has been doing faithful work since the competition for the place began.

It was voted to have the picture of the association taken at Marceau's, on Friday, Jan 8, for Technique 1910.

W. J. O'Hearn 1910, was elected vice-president, in place of K. D. Fernstrom 1910, who has to resign on account of the point system.

FENCING TOURNAMENT

A tournament to increase the interest of students in fencing will be held at the Gym next Tuesday evening at eight o'clock. There will be no entrance fee and everyone who knows even the rudiments of fencing is invited to take part. All wishing to compete are asked to leave their names at the Cage as soon as possible for Capt. V. C. Grubnau 1909.

The contestants are to be divided into two classes, the best in class A, and all others in class B. In the first round class A men will fence against each other, and similarly with class B men. With this restriction each man's opponent for the first round will be selected by drawing.

HOOK NIGHT WILL BE ENTERTAINING

Names of Stars Received And Many Good Stunts Are Expected

JOLLY TIME TONIGHT

Many New Men Will Compete For Prize—Program Includes Variety of Acts

Hook night tonight, at the Union, promises to be the best yet in the series of Friday evening entertainments. A number of men have already signified their intention to take part, but the management has a big "welcome" hung out for all comers. The more performers the more fun, and it is only by this method that the "hook" manipulators may be kept busy.

The custom was originated at the Institute by the class of 1910 during their freshman year and the first Hook Night brought out the largest crowd that ever assembled in the old Union. Present indications point to a similar record being made tonight at the new Union.

Stage Manager "Monty" Flagg has received the names of many would-be winners and the fact that prizes are to be awarded should attract many of the talented men of the Institute. The accompanist for the evening will be O. B. Denison 1911.

"Great Gott" will appear in an original travesty entitled "The Fire Laddies of Spotless Town." It will be a scream from start to finish (if he is lucky enough to reach the finish.)

The hitherto unknown vaudevillians, Hooper and DeFlorez, are to make their debut tonight prior to a tour of East Boston. They appear in a "twin" boxing act with Ray Allen and G. B. Forristal as seconds.

James Gregory Tripp, the Chesterfieldian monologist, will be seen in the first performance on any stage of his original monologue, entitled "Metropolitan Reminiscences." "Jim" will be remembered by all who saw the first Hook Night.

Ray Allen will discourse several sentimental ballads while seated at the piano. When it comes to singing "sentimentals" Ray is in a class by himself.

The approval or disapproval of the audience is the only criterion of success and at the close of the performance prizes will be awarded to the winners. At the previous Hook Night the most successful performers were those who invented their own stunts, such as parodies on popular songs or character monologue skits.

The management has arranged for a large crowd and this entertainment should have a record-breaking attendance.

TECHNOLOGY'S SYSTEM

Dr. Noyes Tells Aim of Institute In Welcome to Maclaurin

Owing to lack of space in the last issue, the following part of Dr. Noyes' welcome to Dr. Maclaurin at the faculty dinner, Tuesday night, is given here. Dr. Noyes outlined the system of instruction and work and the conditions existing at the Institute. He said, "The characteristics of our system are:

1. Cultural studies are closely correlated and interwoven with the professional work, while under the university plan the two groups of studies are ordinarily pursued successively, in separate sides of education separately—knowledge in the secondary schools; culture in the college; mental training in the graduate departments.

We hold rather that education is essentially an indivisible whole, that these three sides of it must go hand in hand, that especially mental training should in point of time take precedence over culture, the former being imparted while

(Continued on page 3.)

WINTER CONCERT LAST EVENING

Musical Clubs Give Splendid Program Followed by Enjoyable Dance

SING NEW TECH SONGS

"Alma Mater Technology" is Title of Song Heard for First Time Last Night

The annual winter concert of the musical clubs, held last night in the New Century Building, proved to be one of the most successful held in years.

The clubs merited the generous applause, and so moved the audience by the singing of the new Technology song, that every man rose to give a rousing M. I. T. cheer. Other pieces proving popular were "The Skeleton Dance," Boyle's Law," and the hunting song from "King Arthur." The program follows:—

1. Onward—Glee Club Geibel
2. New Arrival—Mandolin Club Brazil
3. Cello Solo—Romance—Mr. Laurence C. Shaw, 1909 Goltermann
4. College Medley—Banjo Club
5. Sandman—Glee Club Protheroe
6. Glow Worm—Mandolin Club Lincke
7. Solo—Because—Mr. Wm. B. Jenkins D'Hardelot
8. Heap Big Injun—Banjo Club Sawyer
9. Melody of Love—Mandolin Quartet Siegel
10. Alma Mater Technology—Glee and Mandolin Clubs Kyle

The words of the new song, "Alma Mater Technology," written by C. W. Kyle 1909, follow:—

I.

Strong are the hearts that beat for Tech,
Sturdy and staunch and true;
Firm are the bonds of love and fellowship
That bind her noble crew;
Others may come, their strength to boast,
Proudly they may defy her;
Never fear, for dear old Tech,
There are none that can outvie her.

CHORUS.

Tech, Tech Tech,
We hear thy praises sung throughout the breadth of this wide land.
We meet thy sons on every hand;
We all are surely proud to stand, and give a rousing cheer for
Tech, Tech, Tech.
Beneath thy flag of red and gray
We'll struggle valiantly;
We'll guard thee and cherish thee,
We'll ever strive for
Alma Mater Technology.

II.

Let us then try to prove ourselves
Worthy sons of Tech,
Ever upholding the glorious name
With honor and respect;
May our hearts from selfish pride
Evermore be free
For our country and for Tech,
Our motto e'er shall be: (Chorus)

BOSTON DRAWBRIDGES

Discussed by S. H. Thorndike 1895 At Civil Engineer's Meeting

Sturgis H. Thorndike 1895, of the Boston City Engineering Department, spoke on "Drawbridges" at the meeting of the Civil Engineering Society Wednesday afternoon. He described and illustrated with views of examples about Boston the types of drawbridges to be found in this vicinity, i.e., swing, retractile, leaf, bascule and jackknife. The second of these types is peculiar to the region about Boston, and is remarkable for the simplicity of its operation, one man and one horse having taken care of one over the Charles River for many years.

NEW YEARS PLANS OF SENIOR CLASS

Theatre Party Superseded By Minstrels at Union New Years Eve

TO SEE OLD YEAR OUT

Real Darkies Engaged to Liven Early Part of Evening Other Talent

At the last meeting of the senior class a committee was appointed to provide for a class entertainment, to be held some night in the near future in the Union. This committee has been hard at work since its appointment and has succeeded in getting a line on some first-class minstrels, who will perform for the benefit of seniors only, on New Year's eve.

This is a radical change from the regular stunt which consisted of attending the theatre in a body. The committee, composed of L. D. Nesbit and B. W. Dow, have obtained entertainers of the very highest order and if given the right support, will have refreshments served after the show. This affair, it is thought, will be very successful as the audience will be more at home than in a theatre.

That the committee may know where it stands, and how many artists it can afford to employ, subscription lists will be circulated about the class. Members are urged to give as much as possible. It is stated that no member can afford to attend any play in Boston or vicinity and at the same time miss this entertainment.

The darkies are real live ones and are first-class singers, shouters, jokesters, and buck and wing artists. All who attend are assured a jovial evening.

The committee hopes it will receive the ardent support of the class, for upon the success of this entertainment will depend the future policy in regard to class gatherings.

LECTURE ON ALCHEMY

Prof. Walter L. Jennings of Worcester Tech will give his illustrated lecture on Alchemy Monday night, before the Chemical Society. All seniors, juniors and sophomoores in courses V, X, and VIII, option 3, are eligible to membership in the society and are urged to attend. Prof. Jennings is eminent in the profession and should be welcomed by a large number of men. His subject is one that should be of vital interest to all who desire a knowledge of chemistry. The subject is one on which Prof. Jennings is well fitted to speak. He graduated from Harvard and after studying in Germany has studied carefully the history of chemistry. He is at present professor of organic chemistry at Worcester and has done considerable research work in this department.

Many lantern slides prepared from old engravings and rare paintings will show some of the famous old alchemists at work in their laboratories. Old laboratories and apparatus will be illustrated and described. Prof. Jennings gave this lecture recently before the New England Association of Chemistry Teachers and was greatly appreciated by them.

CALENDAR

FRIDAY, DEC. 14.

3:00 P. M.—Hockey practice, Hammond's Pond.
4:00 P. M.—Gym team practice at Gym.
5:30 P. M.—1911 basketball candidates practice at Gym.
7:45 P. M.—Hook Night entertainment at Union.

SATURDAY, DEC. 15.

2:30 P. M.—Indoor track work at Gym.

SUNDAY, DEC. 16.

645 P. M.—Y. M. C. A. at Union.

MONDAY, DEC. 21.

8:00 P. M.—Chemical Society meeting at Union.

HOOK NIGHT AT THE UNION TONIGHT

THE TECH

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Friday, December 18, 1908.

Why not have a spring Field Day? Baseball and track would form the nucleus around which to center the then much better trained sophomores and freshmen. The fall Field Day is successful in bringing out new men. A similar snappy, spirited contest, further along in the year, would benefit spring track work, the cross-country, and baseball.

An old custom of the senior class of the Institute is to be improved by this year's class. Every year on New Year's eve the class has gone to some theatre in a body, afterward seeing the New Year in on Rogers steps with songs and cheers. The improvement is the substitution of a first class entertainment at the Union this year in place of the theatre party. Every senior will no doubt welcome this change and be on hand at the Union to welcome the beginning of his year—1909.

The decisive action of the athletic association with regard to varsity baseball is an example of well-considered convervatism worthy of notice and approval. The idea of forbidding an Institute team was not to discourage permanently the development of baseball as a sport, but simply to give it time to prove itself worth while before being put before the general public. If the class teams show that a creditable varsity team can be organized, one season's delay will be no great loss; and if they do not make good, the athletic association and the student body will have good cause for self-congratulation.

Don't forget Hook Night at the Union this evening. Cut the grind for an hour or two and come. Get away from your close, quiet study room with its dread associations of Physics or Structures and hie to the Union with a great rosy smile and a glad heart.

Join in and do a stunt, that your pleasure derived from what others may do may be keener. Sing a song, dance a few steps, tell a story—anything!

Don't fear the mighty audience, for, if you don't please, the hook is waiting to save you from further embarrassment. Remember, it is more blessed to give than to receive.

The entertainment committee is to be congratulated on its success in arranging the Friday evening entertainments. All who have gone have been well pleased; each week has seen an increased attendance and the fun tonight promises to bring out a record crowd. Be with it.

NEW CATALOGUE OUT

Change in Entrance Requirements New Esperanto Course

The Institute catalogue for December, 1908, was issued last week from the registrar's office. It is somewhat larger than usual, embracing 456 pages. Extra descriptive information has been added, together with a number of important changes.

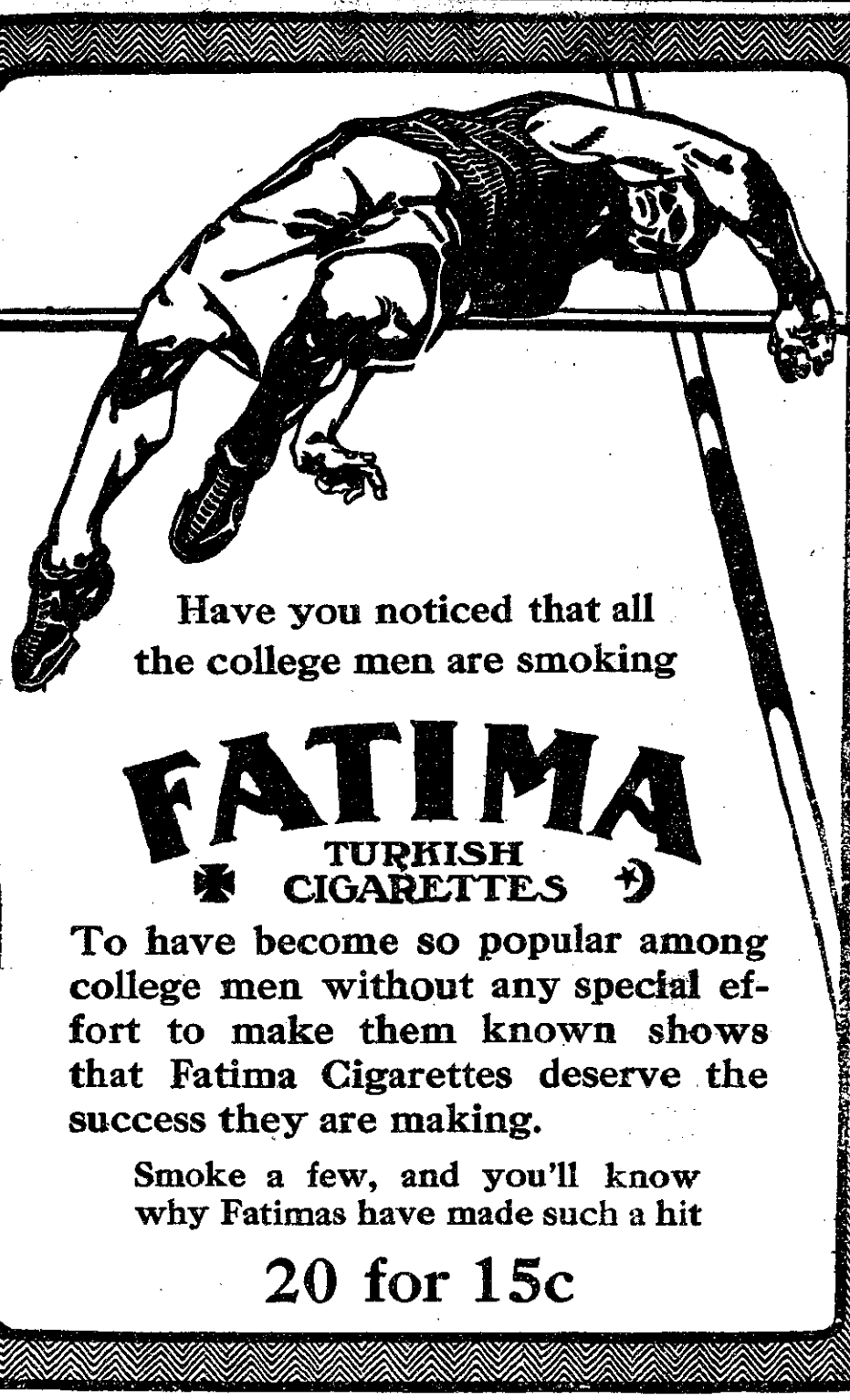
In the department of modern languages, Esperanto has received consideration and is put down as an elective. This course is under Prof. Vogel and comprises two exercises a week during the first half of the second term only. It is designed to enable the student to read the language easily, to speak it slowly and intelligibly and to understand it when spoken with ordinary clearness and deliberation.

Applicants for admission to the freshmen class of the Institute must now present satisfactory evidence of preparation in two electives selected from a list of twelve elementary subjects. heretofore only one elective has been required. The object of this additional elective requirement, it is stated, is to secure and to recognize greater breadth of preparatory training. The time alotment for each elective in the preparatory schools is expected to be equivalent to four or five periods per week for one year.

The requiring of an entrance examination fee of five dollars, instituted last June, is to be continued. This policy is in accordance with the practice now followed by the leading colleges and by the College Entrance Examination Board. This amount will, however, be credited towards the tuition fee for the first term of students who enter the Institute. A candidate who is rejected will be required to pay a second fee if he repeats the examination, and his original fee will not be credited to him if he is ultimately admitted. Those candidates dividing examinations will be required to pay a fee only for their first examination.

The value of the new research laboratory of applied chemistry, together with the other research laboratories, is set forth. A two or three year course for graduates of the Institute, and to others who have had a training substantially equivalent to that given in any of its undergraduate courses will lead to the degree of doctor of philosophy and doctor of engineering. This advanced work is especially valuable for thorough training of teachers in the higher institutions of learning, for scientific experts employed in government or industrial research laboratories, or for engineers who are to do creative work of the highest order in their profession.

The changes made this year by the Institute mean that in the future candidates proposing to enter the freshmen class must present evidence of a broad and general training.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TECHNOLOGY'S SYSTEM

(Continued from page 1.)

the young man's mind and habits of thought are still in the plastic, formative state,, and that the acquirement of culture is essentially a gradual process which can be imparted, however, more and more successfully the older the student has become. Correspondingly, it is, I believe, the desire of our Faculty to introduce general studies more and more into the higher rather than the lower years of our courses.

2. The Institute lays, moreover, especial emphasis on work in the exact sciences. For training in scientific method and acquirement of the scientific spirit is considered to be not only an essential to professional success, but as an important element in culture and in life.

3. It has developed in an usual degree conditions of personal contact between instructor and students, through the fact that most of its instruction is given to small sections of students or to individuals in the laboratories and drawing rooms or in the conferences recently introduced in first and second year subjects.

Its courses differ from those of many colleges in that electives are introduced to a much less extent, in the belief that better results are obtained by prescribing, after the student has selected the profession for which he desires to prepare himself, the principal studies which he is to pursue. He is given, however, the choice between groups of optional studies relating to different branches of his profession and between a variety of electives in the group of general studies. We do not consider it well to give suddenly unlimited freedom in the choice of their studies to boys who have previously been accustomed to a definite curriculum in the secondary schools, which is, by the way, prescribed in large measure through their entrance requirements by the colleges themselves; for we believe that such freedom often results in superficiality rather than in soundness of training and narrowness rather than breadth. Freedom of choice should rather be gradually increased, becoming greater in the higher years of the student's career.

5. There have been developed at the Institute sounder conditions of student life and a more duly proportioned division of time and interest between the social and athletic activities of students and their studies than prevails at many colleges. While the Faculty has welcomed the great development of student life which has taken place in the past few years, it demands of its regular students a standard of scholarship which is inconsistent with an excessive devotion to such pursuits and with undue subordination of the intellectual to the physical and social interests.

6. Finally, the Institute aims to contribute to the future advance of all the various branches of science and engineer- the development of courses of advanced study and research, through original investigations carried on in its laboratories, and through the participation of its staff as experts in industrial and engineering undertakings.

These then, Professor Maclaurin, are the more important educational ideals which are embodied at the present time in the Massachusetts Institute of Technology. We know that you are in full sympathy with these ideals; and we are confident that you will be able to secure their fuller realization, aided as you will be by the cordial support of all those who are in any way related to the Institute.

In closing, I therefore congratulate you on the splendid opportunity which is to come to you as president of this Institute, and I congratulate this Institute upon having secured so competent a leader.

SOCIETY OF ARTS

Dr. Bell Speaks on Illumination And its Development

Dr. Louis Bell, the eminent illuminating engineer of Boston, gave an interesting talk last night in Huntington Hall, before the Society of Arts, on the subject of "Illumination and Illuminants." The talk was illustrated by pictures of lighting arrangements in foreign cities and by the different incandescent and arc lights in use at the present time.

Dr. Bell spoke of the development of artificial lighting from the candle of the Elizabethan age to the incandescent lamp of the present time.

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AND

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The Review aims to develop closer relations among Institute men and to stimulate their interest in the work of the College. It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

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A meeting of the Mining Engineering Society was held in 11 Pierce, Wednesday evening. President L. A. Loomis 1909, presided and an interesting program was enjoyed.

J. S. Pearce 1909, gave a graphic description of his work in the Cream Hill mine, Ontario, and G. A. Morrison 1909, told of his experiences in the copper mine at Matahula, Mexico, and the gold mine at San Juanito, Honduras.

Then came a description of experiments by Mr. Connelly and Mr. Dwight, illustrating "The Dwight-Lloyd Cintering Process." These experiments have been conducted by these two gentlemen at Salida, Col., which proved beyond doubt that this is one of the most remarkable inventions in the metallurgical field.

NOTICES

GYM TEAM—Practice at 4 P. M. every day.

1911 BASKETBALL—Candidates practice at Gym. All men out for the team are requested to report.

HOCKEY—Candidates for the hockey team report at Hammond's Pond today at 3 P. M.

FENCING—Candidates for assistant manager of the Fencing Team report to Manager Chapin Tuesday, Dec. 22, at 1 o'clock in 21 Rogers.

1911 RELAY TEAM—Sweaters have been received and can be had on payment of amount due. Photographs will be ready soon. Pay now. See Cooley at once.

KAPPA SIGMA—All members of the Kappa Sigma fraternity in Tech please send their names and addresses to H. S. Alexander, Cage.

EPISCOPALEANS—Monthly corporate communion in Trinity Church, Sunday, Dec. 20, at 9 o'clock.

SUNDAY EVENING MEETING—Herbert W. Magoun, Ph.D., from Johns Hopkins University, will address the weekly meeting Sunday at 6:45 P. M., in the Union. Dr. Magoun took his degree in languages and enjoys some reputation as a linguist. He is now writing a book on this subject.

Mr. George of the Falk Photo Co., will be at the Union to accept orders for the photographs taken before the convocation Tuesday. This photograph is one of the finest ever taken of the student body and faculty, also the late and new presidents, making one of the finest souvenirs of college days that could be purchased. Special price to students $1.

FACULTY NOTICES

The attention of students is called to the fact that the Boston & Albany railroad has entered with the police formal protest against the crossing of its tracks in the neighborhood of the Trinity Place and Huntington Avenue stations; and that in accordance with the requirements of a statute providing against entering upon railroad tracks, the police will arrest any individuals found trespassing thereon.

A. A. Noyes, President.

First year students are expected to take at the end of the present term all entrance examinations in which they have not already clear records, with the following exceptions:

1. Special students taking no work dependent on such entrance subjects. Such students if they desire to become regular may take remaining entrance examinations in June or September, this applying particularly to entrance French, German and Physics.

2. Students who are now making up entrance French and German by taking the elementary courses, although they are privileged to take these examinations.

3. Students entitled to excuse from particular entrance conditioons on the basis of good term work. This applies to conditions in entrance Algebra, English, French, German, and Plane Geometry, and students will be notified if excuse can be given.

No examination will be held in entrance History or entrance Physics at the semi-annual examination period.

CLASSIFIED ADS

Advertisements under this head are inserted at the rate of five cents a line of six words, payable in advance, and copy should be handed to the business manager the morning before publication day.

ARE YOU looking for a room with board? If so they may be secured by calling at 420 Harvard St., Brookline. Have reopened house after alterations; pleasant rooms, excellent home table; two in room, $10 each.

WILL sophomore who found a logarithm book in Soph. Descriptive Geometry lecture Monday, return to Cage for R. N. Fox.

LOST—Brown leather pocketbook, book, probably in Union. Finder leave at Cage for A. L. Gardner 1911; reward.

Found—A watch fob, in Rogers Building, after the convocation. Owner may procure it at Bursar Rand's office.

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